

Dixie

#106

part 1

Jarrell, Leslie

From: Jarrell, Leslie
Sent: Friday, October 11, 2019 2:23 PM
To: [REDACTED]
Cc: [REDACTED] Graff, Jaimie; [REDACTED]
Subject: RE: AHR# 19220- Euthanized, AHR closed

Hi [REDACTED]
Thanks for talking with me today. Today I euthanized rabbit 106, Dixie, under isoflurane anesthesia with IV euthanasia solution. It was very smooth.

Necropsy- Dixie had uterine cancer. Several areas of the uterine horns were affected, also the broad ligament appeared abnormal. The horns were enlarged and thickened. Mammary glands looked abnormal. Suspect the cancer had spread to her liver, as it had yellow lesions and was very friable. The friability goes along with hepatic lipidosis as well. Lungs also appeared abnormal.

I'm sorry for the loss of Dixie. She was a really good rabbit. Thanks to [REDACTED] for the help.
Thanks,
Leslie

From: Jarrell, Leslie
Sent: Thursday, October 10, 2019 5:21 PM
To: [REDACTED]
Cc: [REDACTED]

Graff, Jaimie <Graff.Jaimie@epa.gov>

Subject: RE: AHR# 19220- Thursday 5 pm Update

Hi all,
Thanks so much to [REDACTED] for doing Dixie's ultrasound today. Findings; right uterine horn had fluid in the lumen, and also a soft tissue type mass associated at the caudal end. On palpation, could feel bladder and then this mass separately. Also found both kidneys (no obvious issues) and liver.

Information we are not able to get; x-rays of chest to check for metastasis, x-rays of abdomen to get a view of entire uterus, x-rays of teeth to check for dental disease.

Information we do have;
Dixie is not eating well and is not producing feces, for 2 days now.
I just checked her and she has a lot of uneaten lettuce and hay in the cage. Not interested in trying Oxbow Critical Care. She has 300+ grams of weight loss since last week- not quite 10% body weight loss.
Her behavior seems normal.

Plan; For rabbits of this age, uterine disease and dental disease are the main issues. Suspect she has uterine adenocarcinoma. She may have some gastric stasis as consequence of other disease. Due to her anorexia, I am concerned that she will be a poor surgical candidate.

Let's see how she does tonight. If she starts pooping and eating more, then re-assess. If she has not eaten or pooped during the night, then recommend to euthanize her in the morning.

Thank you,
Leslie

From: Jarrell, Leslie
Sent: Wednesday, October 09, 2019 4:50 PM
To: [REDACTED]
Cc: [REDACTED]
Graff, Jaimie <Graff.Jaimie@epa.gov>; [REDACTED]
Subject: RE: AHR# 19220- 4 pm update

[REDACTED] and I gave Dixie her SQ fluids, she did well. [REDACTED] noted that Dixie ate most of her greens and most of her hay, so that's good.

Plan for tomorrow; Will bring Dixie to [REDACTED] lab. Set up induction chamber on cart next to ultrasound machine. Induce with isoflurane in box, place on warm water recirculating blanket and blue pad, clip and remove fur, place rabbit in a rat cage lid and towels. Ultrasound and pull blood for labwork while she's anesthetized. Administer SQ fluids as needed, wake up.

Thanks so much to [REDACTED] for the help!!
Leslie

From: Jarrell, Leslie
Sent: Wednesday, October 09, 2019 2:56 PM
To: [REDACTED]
Cc: [REDACTED]
Graff, Jaimie <Graff.Jaimie@epa.gov>; [REDACTED]
Subject: RE: AHR# 19220- please respond

Thanks!

From: [REDACTED]
Sent: Wednesday, October 09, 2019 12:29 PM
To: [REDACTED]; Jarrell, Leslie <Jarrell.Leslie@epa.gov>; [REDACTED]
Cc: [REDACTED]
Graff, Jaimie <Graff.Jaimie@epa.gov>; [REDACTED]
Subject: RE: AHR# 19220- please respond

10 AM tomorrow is fine with me.

[REDACTED]
Oak Ridge Institute of Science and Education
US Environmental Protection Agency

She is 5.5 years old.

S/O: On exam, she did not appear dehydrated and was behaving normally for her. She is bright and responsive. [REDACTED] said she was running around in the exercise pen earlier today. Heartrate 240, respiratory rate sniff, no crackles, wheezes or murmurs except slight gallop rhythm. She has gas in her GI tract, which isn't necessarily abnormal. Her stomach is soft and pliable. I could palpate a small bladder and her left kidney, but not her right. She has a vague soft tissue mass in the area of her uterus.

A: Suspect; uterine adenocarcinoma, potentially some gastric stasis, open

P: Recommend consider general anesthesia for abdominal ultrasound to look for uterine abnormalities. Possibly for tomorrow, would need OK from [REDACTED] and assistance from [REDACTED]

Recommend start SQ fluids once daily as general support.

Recommend to start Oxbow Critical care slurry on a paper bowl in her cage. Or if we have any crock style non-tip-over feeder bowls, I think [REDACTED] may have ordered some.

Recommend increase greens like lettuce to see about her appetite.

Please let me know.

Thanks,

Leslie

From: [REDACTED]

Sent: Wednesday, October 09, 2019 9:49 AM

To: [REDACTED]

Cc: Jarrell, Leslie <Jarrell.Leslie@epa.gov>; [REDACTED]

Subject: AHR# 19220

Number: 19220

Date Found: 10/09/19

Time Found: 8:30am

Found by: [REDACTED]

Room: A486B

Investigator: [REDACTED]

LAPR#: 22-04-001

Species/Strain: Rabbit/NZW

Sex: Female

DOB: 05/07/14

Received: 11/05/14

Animal ID/Cage: 106

NHEERL/EPHD/CIB
109 T.W. Alexander Drive
[REDACTED]
Research Triangle Park, NC 27711
[REDACTED]

From: [REDACTED]
Sent: Wednesday, October 09, 2019 12:19 PM
To: Jarrell, Leslie <Jarrell.Leslie@epa.gov>; [REDACTED]
Cc: [REDACTED]
[REDACTED] Graff, Jaimie <Graff.Jaimie@epa.gov>
>
Subject: RE: AHR# 19220- please respond

She's the one that always seems to have a dirty butt and seems lethargic - definitely needs fluids.

From: Jarrell, Leslie <Jarrell.Leslie@epa.gov>
Sent: Wednesday, October 09, 2019 11:59 AM
To: [REDACTED]
Cc: [REDACTED]
[REDACTED] Graff, Jaimie <Graff.Jaimie@epa.gov>
>
Subject: RE: AHR# 19220- please respond

Hi all,
[REDACTED] said OK! We could possibly do the ultrasound around 10 AM tomorrow, depending on [REDACTED] schedule, if that works for everyone and [REDACTED] ab OKs it.

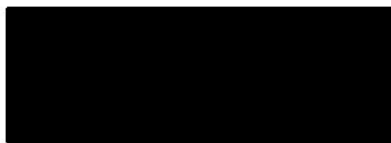
[REDACTED] OKed the fluids for today, thanks [REDACTED]
Thanks,
Leslie

From: Jarrell, Leslie
Sent: Wednesday, October 09, 2019 11:53 AM
To: [REDACTED]
Cc: [REDACTED]
[REDACTED] Graff, Jaimie <Graff.Jaimie@epa.gov>
>
Subject: RE: AHR# 19220- please respond
Importance: High

Hi [REDACTED]
[REDACTED] noted that Dixie did not finish all her greens (snow peas) today. And from last week to this week, she dropped some weight. She has been eating, just not as much, and although her feces are normal, she doesn't have the normal amount of feces.

She was 4.66 kg last week and is 4.38 kg this week. She is usually around 4.7- 4.6 kg.

Not eating, not enough feces in pan



SMALL MAMMAL PATIENT EXAMINATION REPORT CARD

1. Coat/Fur & Skin Appears normal <input checked="" type="checkbox"/> Dull/Dry <input type="checkbox"/> Scaly <input type="checkbox"/> Scabs <input type="checkbox"/> Infection <input type="checkbox"/> Shedding <input checked="" type="checkbox"/> Matted <input type="checkbox"/> Tumors <input type="checkbox"/> Itchy <input type="checkbox"/> Hair Loss <input type="checkbox"/>		TESTS NEEDED: Annual Blood Work <input type="checkbox"/> Urinalysis <input type="checkbox"/> Fecal Examination <input type="checkbox"/> Spay / Neuter <input type="checkbox"/> Microchip <input type="checkbox"/> Skin Scraping <input type="checkbox"/> Fungal Culture <input type="checkbox"/> Ear Cytology <input type="checkbox"/>		RECOMMENDATIONS: Cage Change: <input type="checkbox"/> Bedding Change: <input type="checkbox"/> Change Type Diet Change: Please see handout		Tech Initials: <input type="checkbox"/> Temp: <input type="checkbox"/> Weight: <u>4.38 kg</u>	
2. Eyes Appears Normal <input checked="" type="checkbox"/> Discharge <input type="checkbox"/> Inflamed <input type="checkbox"/> Infection <input type="checkbox"/> Eyelid Deformities <input type="checkbox"/> Ulcer: L R Cataract: L R		Appetite: normal / increased / decreased Water Intake: normal / increased / decreased Coughing: No / Yes, Frequency: _____ Sneezing: No / Yes, Frequency: _____		Urination: normal / increased/decreased Attitude: normal / abnormal Feces: normal / abnormal			
3. Ears Appears Normal <input checked="" type="checkbox"/> Inflamed: L R Dirty <input type="checkbox"/> Mites Tumor: L R <input type="checkbox"/> Infected Excessive Hair <input type="checkbox"/> Painful		Presented For: <u>Wt loss last week, appetite greatly decreased. Behavior normal, active; No feces</u>					
4. Nose Appears Normal <input checked="" type="checkbox"/> Nasal Discharge Other: _____		Historical Issues/ Medications: <u>mild pododermatitis. slightly greasy</u>					
5. Mouth, Teeth, Gums Appears Normal <input checked="" type="checkbox"/> Broken Teeth Tartar Buildup <input type="checkbox"/> Tumors Overgrown Incisors <input type="checkbox"/> Inflamed Lips Overgrown Molars <input type="checkbox"/> Periodontal Disease Overgrown roots <input type="checkbox"/> Abscessed		Current Diet: <u>timothy hay, Orchard grass, various fresh veg, rabbit pellets</u>					
6. Legs & Paws Appears Normal <input checked="" type="checkbox"/> Joint Problems Nail Problems <input type="checkbox"/> Lameness Other: _____		Examination: <u>S: Usually eats all her fresh vegetables. Did not finish lettuce or snow peas. Did not eat her pellets - usually finishes all. Did not eat all of her hay. Ran around in exercise pen. Not as much urine as normal. Tried more lettuce did not eat much.</u>					
7. Heart Appears Normal <input checked="" type="checkbox"/> 240 bpm Slow <input type="checkbox"/> Fast Murmur <input type="checkbox"/> Irregular		<u>① QARTH. MUP in moist CRT spec. Stomach ok + pliable. No obvious dental disease on palpation. LN and Hk and. Abd - soft tissue density. small mass caudal ventral abdomen - lots of gas in gut loops?? ceum? bladder ok.</u>					
8. Lungs Appears Normal <input checked="" type="checkbox"/> Coughing Abnormal Sound <input type="checkbox"/> Congestion Rapid Respiration <input type="checkbox"/> Dyspnea		<u>② L kidney ok. can't palpate right. I pain on palpation of ?? mass - suspect uterus.</u>					
9. Abdomen Appears Normal <input checked="" type="checkbox"/> Abnormal Mass Enlarged Organs <input type="checkbox"/> Tense/Painful Fluid <input type="checkbox"/> Swollen		<u>③ DDX - uterine cancer; dental disease, other uterine issues</u>					
10. Gastrointestinal System Appears Normal <input checked="" type="checkbox"/> Abnormal Feces Stasis/Impaction <input type="checkbox"/> Parasites Anorexia <input type="checkbox"/>		<u>④ Rec suggests start w/ 50-100ml/kg/day fluid</u>					
11. Urogenital System Appears Normal <input checked="" type="checkbox"/> Abnormal Urination Mammary Tumors <input type="checkbox"/> Genital Discharge Abnormal Testicles <input type="checkbox"/>		Doctor: Doctor's name, DVM <input type="checkbox"/> Need: <input type="checkbox"/> In: <u>1</u> Days					
12. Weight <u>thin</u> Normal <input checked="" type="checkbox"/> Obese Heavy By: _____ Thin By: _____							
DIAGNOSIS OR PROBLEMS <u>uterine, dental, other</u>		PROGNOSIS <u>→</u>		DIFFERENTIAL DIAGNOSIS <u>uterine, dental ds, other</u>		PLAN <u>W/S</u>	
Today's Date: <u>10/9/19</u>		Chart #: <u>106</u>		Species/Breed: <u>NBW Rabbit</u>		DOB: <u>5/14</u>	
Pet's Name: <u>Dixie</u>		Last Name: _____		Color: <u>white</u>		Sex: <u>FE</u>	

10/9/19

- ① Plan ults if possible I labwork
lab obs. Admin 250mls saline SQ, offer extra fresh veg
LJ

10/10/19

- ⑤ Did not eat veg; did not eat pellets, ate a few lettuce leaves; not much hay. NOT many more fecal pellets ~~from~~ ^{than} yesterday. Acting ok.
- ⑥ Anesthesia - Iso/O₂ via induction box + by mask.
Abdominal ultrasound in house → soft tissue mass uterine-associated, uterine horn w/ fluid distinct from bladder; visualized both kidneys (ok), bladder (ok), liver (?).
Smooth fast recovery.
- ⑦ Discussed at lab.
Dixie not feeling well → uterine mass possible or dental dz
we can't get radiographs to assess teeth or chest x-rays for metastasis ✓ if uterine cancer.
Since already not eating, concern re: spay recovery. Dixie is 5.5 years old and it is a major surgery. Rec SQ fluids + critical care herkione → offer ☒. Rec. against buprenorphine dlt long acting alby ~~re~~ + concern re. motility in this case.
- ⑧ Unlikely to tolerate IV cath + no monitoring → elect stay w/ SQ. Admin 250ml SQ @ ^{11 AM} ~~1 PM~~ (at 100ml/kg/day) ☒
saline
→ PM - offered Oxbow critical care, not interested, much fresh veg left in cages, no feces, but active.
Discussed at lab if not improved (eating + pooping) then consider euthanasia in morning. LJ

AHR Number: 19220

Close Date: _____

Room: A486B**US EPA RTP Campus Animal Health Report**

Number: 19220

Date Found: 10/09/19

Time Found: 8:30am

Found by: [REDACTED]

Room: A486B

Investigator: [REDACTED]

LAPR#: 22-04-001

Species/Strain: Rabbit/NZW

Sex: Female

DOB: 05/07/14

Received: 11/05/14

Animal ID/Cage: 106

Not eating, not enough feces in pan

Treatment Sheet Needed?

Yes ☐ No ☐

Date Completed _____

Date	Time	Notes	Initials
10/9/19		<p>S/O: On exam, she did not appear dehydrated and was behaving normally for her. She is bright and responsive. [REDACTED] said she was running around in the exercise pen earlier today. Heart rate 240, respiratory rate sniff, no crackles, wheezes or murmurs except slight gallop rhythm. She has gas in her GI tract, which isn't necessarily abnormal. Her stomach is soft and pliable. I could palpate a small bladder and her left kidney, but not her right. She has a vague soft tissue mass in the area of her uterus.</p> <p>A: Suspect; uterine adenocarcinoma, potentially some gastric stasis, open</p> <p>P: Recommend consider general anesthesia for abdominal ultrasound to look for uterine abnormalities. Possibly for tomorrow, would need OK from [REDACTED] and assistance from [REDACTED]</p> <p>Recommend start SQ fluids once daily as general support. Recommend to start Oxbow Critical care slurry on a paper bowl in her cage. Or if we have any crock style non-tip-over feeder bowls, I think [REDACTED] may have ordered some.</p> <p>Recommend increase greens like lettuce to see about her appetite.</p> <p>Lab ok's SQ fluids; Lab ok's anesthesia tomorrow + M.S. CBC/Chem.</p> <p>~100mls/kg/day = 4.3 kg = 200 250 mls 3pm</p>	<p>7g</p>

Rev AM

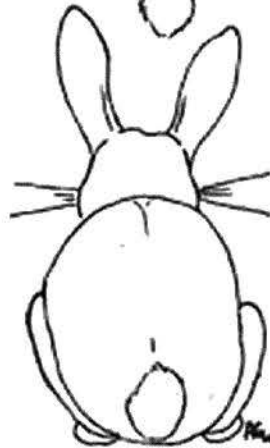
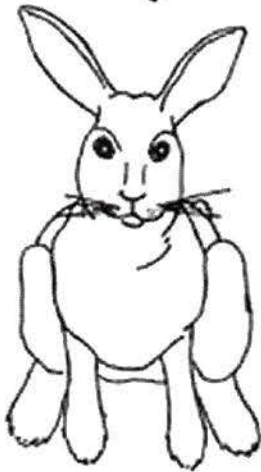
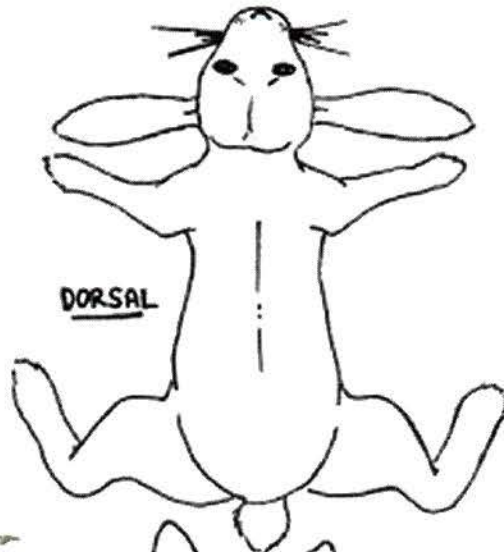
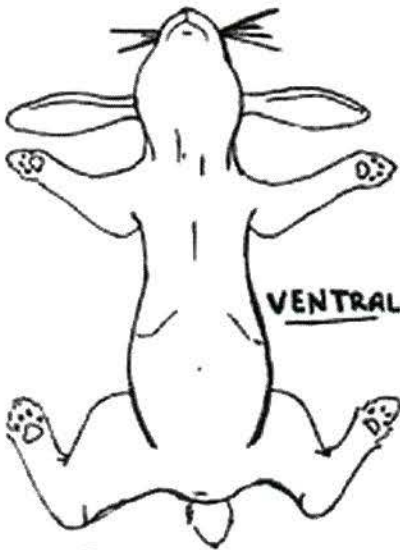
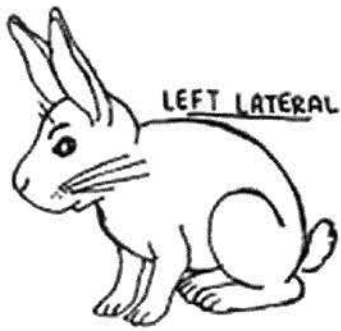
CLINICAL/PROGRESS NOTES

AHR: 19220 Animal ID#: cage 106 Room: A486B Investigator: _____

[illegible]

Dixie Exa
#106

Not eating → usually eats
all fresh veg
AHR 19220 P23 5/7/14



Maxal Animal Clinic, Inc. 420 Uluolu Street, Kailua, HI 96734 808-262-9621

→ lettuce

possible lower abdominal
mass

→ suspect uterine disease

Behavior normal

normal w
4.7-4.6

↓ 4.66kg → 4.38kg this
last week week

Dixie

Jarrell, Leslie

From: Jarrell, Leslie
Sent: Wednesday, October 09, 2019 4:54 PM
To: [REDACTED]
Cc: [REDACTED]
Subject: FW: AHR# 19220- 4 pm update- supplies

Hi [REDACTED]
Here's our list;
3 ml luer lock syringes, like 5?
23, 25 ga needles
Clippers
Gauze
Paper tape
Isoflurane
Several of the blue pads – [REDACTED] knows where they are?
Steel cart
Towels
Alcohol- there's a bottle in 4th procedures
Few gauzes
Lavender top tubes
Red top serum separator tubes
The fluid bag we used today- in rabbit suite
New 20 ga needle
Eye lube ointment

Start Critical care slurry- offer on paper plate or paper bowl in cage, possibly by syringe.

Thanks,
Leslie

From: Jarrell, Leslie
Sent: Wednesday, October 09, 2019 4:50 PM
To: [REDACTED]
Cc: [REDACTED]

Graff, Jaimie <Graff.Jaimie@epa.gov>;

Subject: RE: AHR# 19220- 4 pm update

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5:19

Thanks so much to [REDACTED] for the help!!
Leslie

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To: [REDACTED]
Cc: [REDACTED]
[REDACTED] [Gran, Jaimie <Gran.Jaimie@epa.gov>](mailto:Gran.Jaimie@epa.gov);
Subject: RE: AHR# 19220- please respond

Thanks!

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[REDACTED] [Gran, Jaimie <Gran.Jaimie@epa.gov>](mailto:Gran.Jaimie@epa.gov);
Subject: RE: AHR# 19220- please respond

10 AM tomorrow is fine with me.

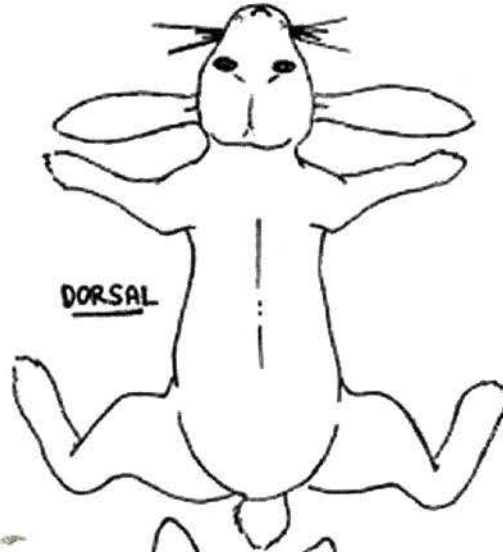
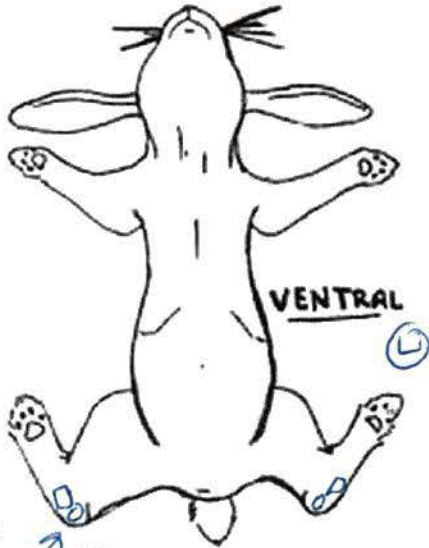
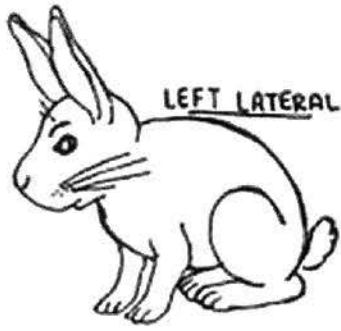
[REDACTED]
Oak Ridge Institute of Science and Education
US Environmental Protection Agency
NHEERL/EPHD/CIB
109 T.W. Alexander Drive
Mail Code [REDACTED]
Research Triangle Park, NC 27711
[REDACTED]

From: [REDACTED]
Sent: Wednesday, October 09, 2019 12:19 PM
To: Jarrell, Leslie <Jarrell.Leslie@epa.gov>; [REDACTED]
[REDACTED]
Cc: [REDACTED]
[REDACTED] [Graff, Jaimie <Graff.Jaimie@epa.gov>](mailto:Graff.Jaimie@epa.gov);
[REDACTED]
Subject: RE: AHR# 19220- please respond

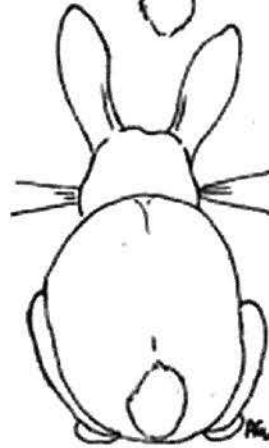
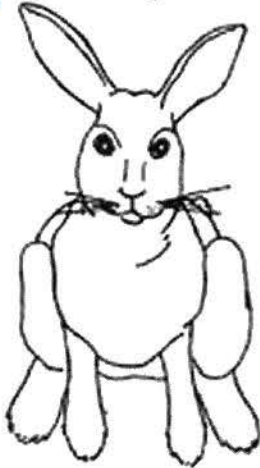
She's the one that always seems to have a dirty butt and seems lethargic - definitely needs fluids.

From: Jarrell, Leslie <Jarrell.Leslie@epa.gov>
Sent: Wednesday, October 09, 2019 11:59 AM
To: [REDACTED]
Cc: [REDACTED]

Dixie ~~108~~ 106
9/4/19



(R) (L)
clean →
alopecia
somewhat
sparse
fur
N size
pencil
eraser
no
scabs
bilateral



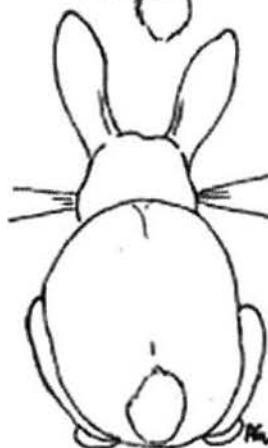
Dixie 106

Recheck on 9/4/19



clean +
well furred
Ⓡ
Bigger
than penicil
eraser
Alopecia

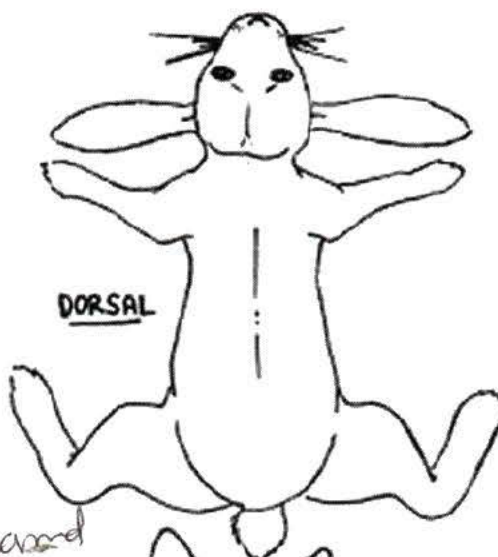
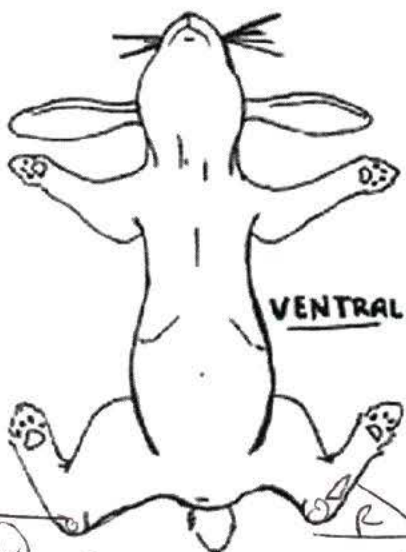
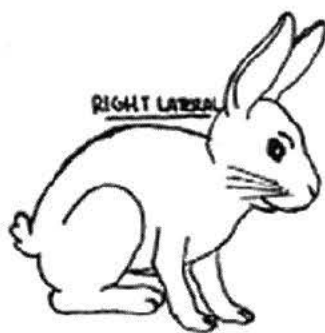
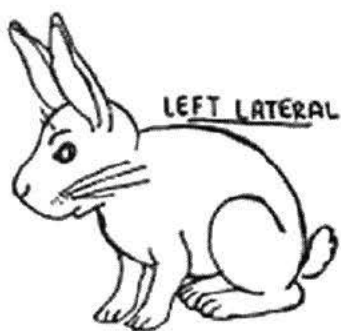
clean +
well furred
Ⓛ
Ⓡ Alopecia
← penicil
eraser



Niskal Animal Clinic, Inc. 420 Uluolu Street, Kailua, HI 96734 808-262-9621

Dixie #106 8/8/19
on 7/25 had mild alopecia; 7 Ⓡ
on

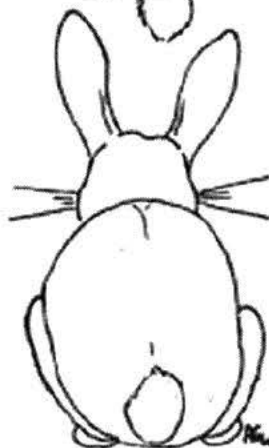
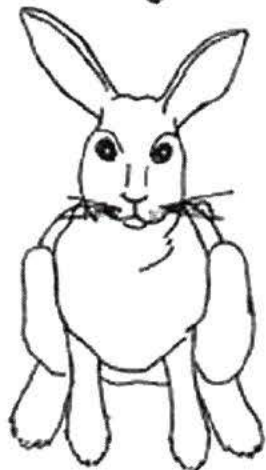
Rev ~ 1 month 9/1 - 9/30
- 2 months



small
alopecic
penit

Ⓛ

2 inflamed
areas
of
alopecia



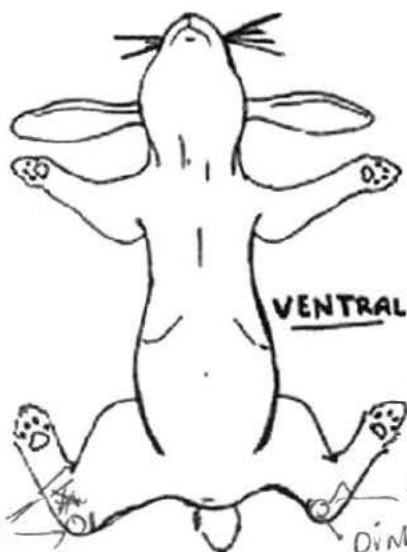
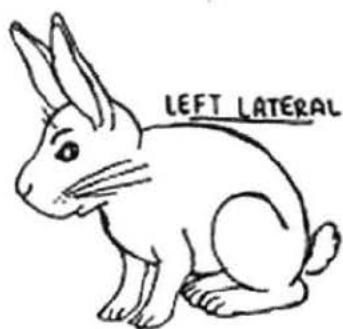
Maral Animal Clinic, Inc. 420 Ulukou Street, Kailua, HI 96734 808-262-9621

#106

Pixie #102 ~~tea~~ rev 7/25/19

~~Demetaw~~ Ⓛ first

rev next week - 2 weeks



(A)

dirty
scabs
raised
pink
7 penic
crater

rectangle
misery
pink
7 penic
crater



Maxal Animal Clinic, Inc. 420 Ulukou Street, Kailua, HI 96734 808-262-8621

#106

Dixie #106

6/27/19 Rev

Rev week of 7/1 - 7/8

Moderate pododermatitis

Jarrell, Leslie

From: Jarrell, Leslie
Sent: Thursday, May 23, 2019 2:17 PM
To: [REDACTED]
Cc: [REDACTED] Graff, Jaimie; [REDACTED]
Subject: RE: Rabbits - Updates from April 19 2019
Follow Up Flag: Follow up
Flag Status: Flagged

Hi all,
Rabbit notes! Exams were April 5 and 12, and 2 rechecks today on Leo and Trixie. A few others will get rechecks in the next few weeks.

- **Dixie # 106**
 - Weight 8/10/18= 4.70 kg, 07/19/18= 4.66 kg, Weight 4/11/19= 4.80 kg
 - Mild Pododermatitis
 - Left hind foot= fur loss on plantar surface, pencil eraser size circular alopecia, no scabs
 - Right hind foot, alopecia on plantar surface, larger than pencil eraser size circular alopecia on point of hock, no scabs
 - Recheck June
 - Exercise pen when available
 - Increase timothy hay
- **Leo #102**
 - Weight 08/09/18= 4.10 kg, weight 07/19/18= 4.22 kg, weight 4/12/19= 4.02 kg
 - Mild pododermatitis
 - 4/12/19= Dirty fur on both hind feet, approx. 2 mm diameter alopecia areas on point of hock, no scabs
 - 5/23/19= Much cleaner. Both hind feet clean and furred, alopecia remains, no scabs
 - Recheck in about 2 months, July- Aug
- **Trixie #105**
 - Weight 08/09/18= 4.90 kg, weight 07/19/18= 4.66 kg, weight 4/11/19= 4.92 kg
 - Mild – moderate pododermatitis
 - 4/11/19= Fur is dirty around perineum and thighs, both hind feet have very dirty fur, left hind has a pencil eraser size area of alopecia at the point of hock.
 - 5/23/19= Mats at tail, clipped. Left hind foot- fur is clean but thin, 3 mm alopecia area, right hind foot- fairly clean fur, small scab at point of hock, alopecia area larger than pencil eraser
 - Recheck in June- May need anesthesia to clip down and wash fur on feet
- **Tex # 101**
 - Weight 08/09/18= 4.10 kg, 07/19/18 = 4.16 kg, 4/11/19= 4.18 kg, 5/6/19 = 4.16 kg.
 - Tex has had some weight loss but appears to be stable now.
 - I had suspected some dental disease, will continue to monitor.
 - Mild to moderate Pododermatitis
 - Left and right hind feet have alopecia on plantar surface and alopecia area around 6 mm at point of hock
 - Some mats inguinal
 - Recheck June

- Jasper #104
 - Weight 08/09/18= 386 kg, weight 07/19/18 = 3.98 kg, weight 4/5/19 = 3.72 kg
 - Mild pododermatitis, Fur on feet is clean and fluffy
 - Left hind alopecia about 3 mm diameter on point of hock
 - Right hind alopecia around 6 mm diameter at point of hock
 - Feet well furred
 - Recheck June
- Daisy #108
 - Weight 08/09/18= 4.22 kg, weight 7/19/18= 4.28 kg, Weight 4/5/19= 4.04 kg
 - Mild pododermatitis
 - Feet are clean and well furred, but Left hind has mild alopecia size of pencil eraser, no scabs, at point of hock
 - Right hind has alopecia in circular size approximately pencil eraser, no scab
 - Recheck in June
- Wyatt Earp # 109
 - Weight 4/5/19= 3.36 kg
 - Mild pododermatitis
 - Both hind feet have 3- 5 mm diameter circular alopecia lesions at points of hock
 - No scabs
 - Recheck June
- Doc Holliday # 110
 - Weight 4/5/19= 3.20 kg
 - Nervous- unable to check feet.
 - Plan- work on socializing to handling and exam
 - Recheck June to socialize
- Johnny Ringo #111
 - Weight 4/5/19= 3.32 kg
 - Very mild pododermatitis
 - Both hind feet have circular alopecia at point of hock, around 3-4 mm diameter
 - Recheck June
- **Recommendations**
 - When the exercise pen is back up and running;
 - All rabbits need 4+ hours in exercise pen, once or twice a week
 - For the exercise room, only use the irradiated hay from Bio-Serv
- **Rabbit feed**
 - Completely discontinue all Kaytee brand hay
 - Use only Oxbow hay in the housing room
 - Please, if all hay could be ordered online, that would be best case scenario
 - All rabbits should have unlimited grass hay= timothy, orchard grass, meadow grass

Thanks very much,
Leslie

SMALL MAMMAL PHYSICIAN EXAMINATION REPORT CARD

1. Coat/Fur & Skin <input checked="" type="checkbox"/> Appears normal Dull/Dry Scaly Infection Matted Itchy Tumors Hair Loss	
2. Eyes <input checked="" type="checkbox"/> Appears Normal Inflamed Eyelid Deformities Cataract: L R Discharge Infection Ulcer: L R	
3. Ears <input checked="" type="checkbox"/> Appears Normal Dirty Tumor: L R Excessive Hair Inflamed: L R Mites Infected Painful	
4. Nose <input checked="" type="checkbox"/> Appears Normal Other: Nasal Discharge	
5. Mouth, Teeth, Gums <input checked="" type="checkbox"/> Appears Normal Tartar Buildup Overgrown Incisors Overgrown Molars Overgrown roots Broken Teeth Tumors Inflamed Lips Periodontal Disease Abscessed	
6. Legs & Paws <input checked="" type="checkbox"/> Appears Normal Nail Problems Other: Joint Problems Lameness	
7. Heart <input checked="" type="checkbox"/> Appears Normal Slow Murmur HR 180 Fast Irregular	
8. Lungs <input checked="" type="checkbox"/> Appears Normal Abnormal Sound Rapid Respiration Coughing Congestion Dyspnea	
9. Abdomen <input checked="" type="checkbox"/> Appears Normal Enlarged Organs Fluid Abnormal Mass Tense/Painful Swollen	
10. Gastrointestinal System <input checked="" type="checkbox"/> Appears Normal Stasis/ Impaction Anorexia Abnormal Feces Parasites	
11. Urogenital System <input checked="" type="checkbox"/> Appears Normal Mammary Tumors Abnormal Testicles Abnormal Urination Genital Discharge	
12. Weight Normal Heavy By: Obese ~ Thin By:	

TESTS: <input type="checkbox"/> Annual Blood Work <input type="checkbox"/> Urinalysis <input type="checkbox"/> Fecal Examination <input type="checkbox"/> Spay / Neuter <input type="checkbox"/> Microchip <input type="checkbox"/> Skin Scraping <input type="checkbox"/> Fungal Culture <input type="checkbox"/> Ear Cytology	RECOMMENDATIONS: Cage Change: Bedding Change: Change Type Diet Change: Please see handout	Tech Initials: Temp: Weight: 4.80 kg
Appetite: <input checked="" type="checkbox"/> normal / increased / decreased Water Intake: <input checked="" type="checkbox"/> normal / increased / decreased Coughing: <input checked="" type="checkbox"/> No / Yes, Frequency: Sneezing: <input checked="" type="checkbox"/> No / Yes, Frequency:	Urination: <input checked="" type="checkbox"/> normal / increased / decreased Attitude: <input checked="" type="checkbox"/> normal / abnormal Feces: <input checked="" type="checkbox"/> normal / abnormal	

Presented For: Annual exam

Historical Issues/ Medications: Pododermatitis

Current Diet: Grass hay, Hi Fiber rabbit pellets,

veg

Examination:

SL - BAKH. EEN clear. MM pi + moist, CRT ~ 1 second. Jaws palpate symmetrical.

Abd - no obvious masses, soft.

LN - wnl. HR ~ 180; no murmurs, normal sinus arrhythmia ausculted, RR shift.

lungs clear, no murmurs - Feet -

Hind - LH foot w/ 2 areas of alopecia on pedal surface as on drawing

Point of heel ~ alopecia circle ~ approx pencil eraser size

RH foot - similar but has slightly bigger than pencil eraser diameter.

A. Pododermatitis

P. Monitor; consider exercise pen when back in repair; re ~ 1-2 months

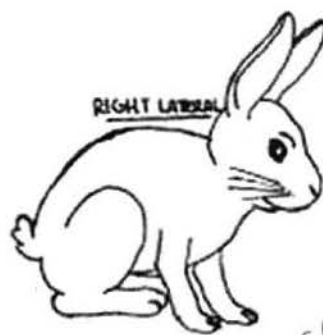
J. Jamell

Doctor: Doctor's name, DVM Need: In: Days

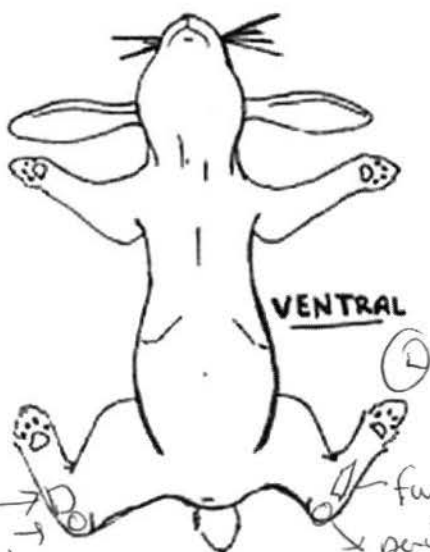
DIAGNOSIS OR PROBLEMS	PROGNOSIS	DIFFERENTIAL DIAGNOSIS	PLAN
pododermatitis	-	-	Re ~ 1-2 months

Today's Date: 4/11/19	Chart #: 106	Species/ Breed:	DOB:
Pet's Name: Dixie	Last Name:	Color:	Sex:

Dixie

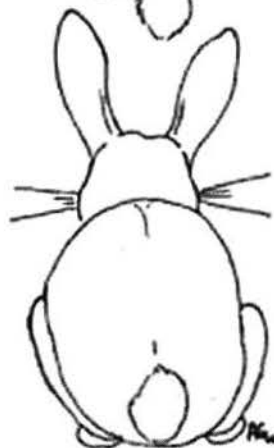


sl erythematous
fur is thin



alopecia
bigger
than pencil
eraser

fur loss
pencil
eraser
size



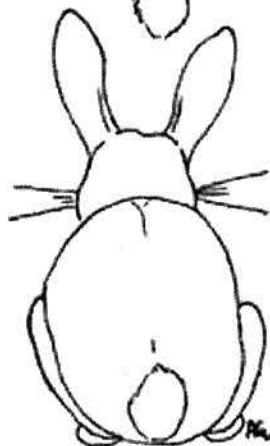
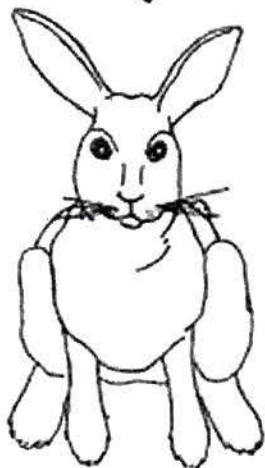
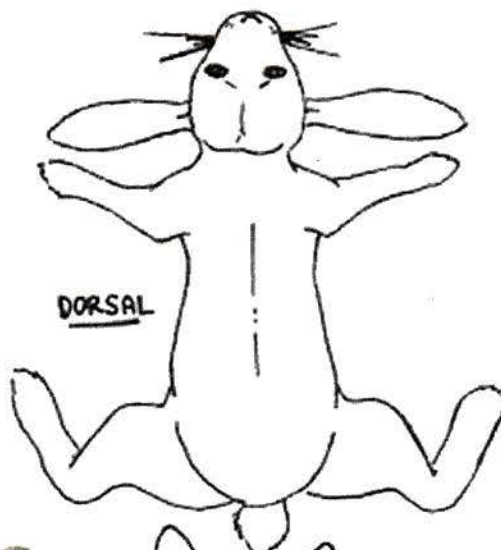
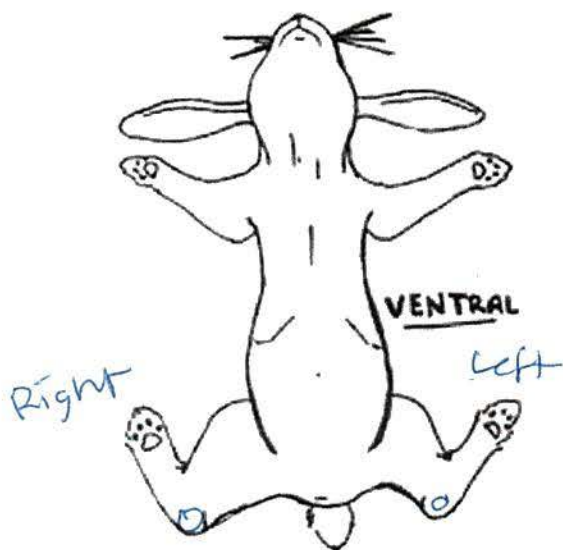
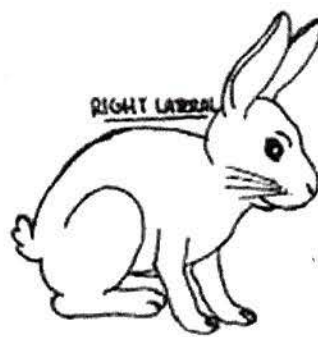
Maral Animal Clinic, Inc. 420 Uluhi Street, Kailua, HI 96734 808-262-9621

5/7/14

Dixie

4/11/19

WT = 4.80kg



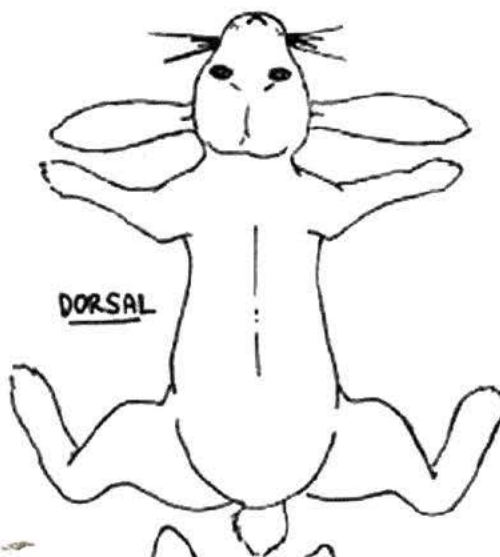
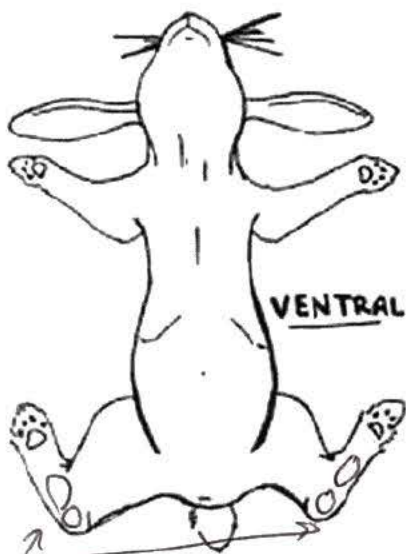
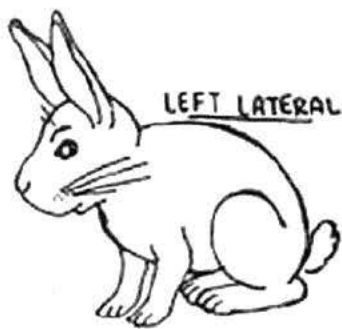
Mysral Animal Clinic, Inc. 420 Ukuli Street, Kailua, HI 96734 808-262-9621

Dixie 11/29/18 Recheck

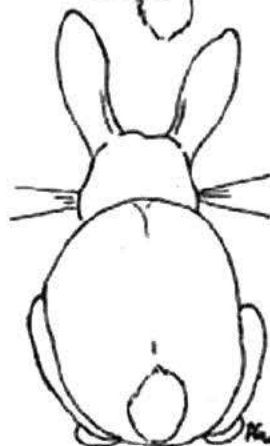
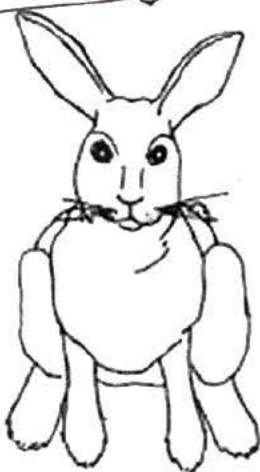
No scabs!

Increased fur; mostly clean → tail + legs' fur not groomed well.
and alopecia ~ big > pencil erased

Good improvement.



Scabs +
alopecia
both sides



Maxal Animal Clinic, Inc. 420 Ulukou Street, Kailua, HI 96734 808-262-6621

#1
issues

Dixie 8/9/18
#106

4.70 kg

→ ↑ weight
→ feet not improved → not clean, still scabbed
↑ hay + ↑ quality of hay. per 2-4 wks

Dixie

Jarrell, Leslie

From: Jarrell, Leslie
Sent: Thursday, November 29, 2018 12:54 PM
To: [REDACTED]
Cc: [REDACTED] Graff, Jaimie;
Subject: RE: Rabbits - Updates from Nov 29, 2018

Hi all,
Rabbit notes from today. Today, [REDACTED] and I did rechecks for Dixie, Tex and Leo. Will continue rabbit feet checks next week and then exams on the 3 new rabbits the week after.

Thanks,
Leslie

- Rabbit feet
 - Very good improvement
 - [REDACTED] has done a great job
 - Dixie #106: Feet are clean and have more fur. Fur on tail and legs is not well-groomed, but no issues seen. No scabs on alopecia areas. Alopecia areas are on the points of each heel, and are approximately the diameter of a pencil eraser. Feet much cleaner and no scabs on alopecia means good improvement for Dixie
 - Tex #101: Feet are clean and well-furred. Small alopecia areas at points of heels, smaller than pencil eraser diameter. You have to look for the alopecia areas. Very good improvement with Tex.
 - Leo #102: Feet are well-furred and much cleaner- only slightly dirty. Alopecia areas at the points of heels are very small, around 1- 3 mm diameter, smaller than pencil eraser. You have to actually look for these alopecia areas, which is a good improvement.

From: Jarrell, Leslie
Sent: Thursday, October 25, 2018 12:16 PM
To: [REDACTED]
Cc: [REDACTED] Graff, Jaimie <Graff.Jaimie@epa.gov>

Subject: RE: Rabbits - Updates from Sept 26, 2018

Hi all,
Rabbit notes from our last update! Exams were Sept 26, and rechecks are due again in the next few weeks.

- New rabbits
 - Doing well in rabbit room
 - [REDACTED] has started them in the exercise pens
 - He says they are very active in the pens
- Rabbit feed
 - Completely discontinue all Kaytee brand hay
 - Use only Oxbow hay in the housing room
 - Please, if all hay could be ordered online, that would be best case scenario

- All rabbits should have unlimited grass hay= timothy, orchard grass, meadow grass
- For the exercise room, only use the irradiated hay from Bio-Serv
- New horse barn non-slip mats for exercise room
 - Finally are manageable now that [REDACTED] has washed them
 - And [REDACTED] has cut the mats so they are easier to move as they are very heavy
 - Thanks [REDACTED] for all your work on them!
- Rabbit feet
 - Rechecked Sept 26, due for recheck in next few weeks
 - Overall there was good improvement
 - [REDACTED] has done very well with them
 - Briefly;
 - Dixie #106; dirty feet, some scabs alopecic areas, slightly improved. Would like more improvement with Dixie.
 - Tex #101- dirty feet, improved though because right foot has no scabs, and alopecia area is smaller than pencil erase. Left hind foot, still some scabs and redness, about size of pencil eraser area of alopecia. Would like more improvement with Tex.
 - Trixie #105 – Improved. Right hind foot- Clean, no scabs, no redness, pencil eraser size of alopecia at point of heel. Left foot, pencil eraser diameter size alopecia, but no scabs and slightly dirty.
 - Leo #102- Right hind foot mildly dirty, very small spot of alopecia, much smaller than pencil eraser size, left hind foot, clean, small area of alopecia at point of heel. Much improved.

Thanks very much,
Leslie

From: Jarrell, Leslie
Sent: Friday, August 31, 2018 2:46 PM
To: [REDACTED]

Cc: [REDACTED] Graff, Jaimie <Graff.Jaimie@epa.gov>; [REDACTED]

Subject: RE: Rabbits - Updates Aug 31, 2018

Hi [REDACTED]
Hope all are well! Rabbit notes for today.

- Moving new rabbits to regular room
 - No sniffing or snuffling from the new rabbits
 - On Tues, they will have been here for 5 weeks
 - I've talked with [REDACTED] about moving the new rabbits into the regular room on Tuesday Sept 4
 - Watch for any issues
- New racks
 - Arriving Mon Sept 10
 - Once cleaned and set up, let's try them out ASAP
- Rabbit feed

- Completely discontinue all Kaytee brand hay
 - Use only Oxbow hay in the housing room
 - Oxbow has; timothy, orchard grass, meadow grass, mixtures and alfalfa
 - Please, if all hay could be ordered online, that would be best case scenario
 - For the exercise room, only use the irradiated hay from Bio-Serv
- New rabbits
 - One is still a little jumpy
 - Work on continuing to socialize to handling
 - Do not recommend having the new rabbits go into the exercise pen until they are easily picked up and "caught"
 - New rabbits can have 3- 4 handfuls of timothy hay/ day
 - If we got some alfalfa hay from Oxbow, they could have half a handful per day as well. Just a little, and only for the new rabbits
 - New horse barn non-slip mats for exercise room
 - Still smell like rubber
 - Waiting for the smell to dissipate
 - Thanks [REDACTED] for cleaning them!
 - Rabbit feet
 - Rechecked yesterday
 - Overall there was good improvement
 - [REDACTED] has done very well with them
 - Briefly; Dixie #106; dirty feet, red and alopecic areas, but improved from Aug 10. Tex #101- dirty feet, fur isn't very thick, but better than Aug 10 and scabs and alopecia have improved. Trixie #105 – still alopecia but feet are much cleaner and improved

Thanks very much,
Leslie

From: Jarrell, Leslie

Sent: Friday, August 10, 2018 12:17 PM

To: [REDACTED]

Cc: [REDACTED] [Graft, Jaimie <Graft.Jaimie@epa.gov>](mailto:Graft.Jaimie@epa.gov); [REDACTED]

Subject: RE: Rabbits - Updates Aug 10, 2018

Hi [REDACTED]

Rabbit foot rechecks from yesterday! Some progress, I'd like to see more progress though.

Briefly; Dixie #106 still #1 to watch for; dirty feet, scabbed, and has gained weight. Tex #101- dirty feet, also left hind leg on the lateral (outside) lower leg and thigh, but scabs slightly improved. Leo #102- better left hind, worse right hind. And Trixie #105 - not scabbed but alopecia bigger than pencil eraser diameter (~ 5 mm). Attached are their exam maps. [REDACTED] will apply topical silvadene to their feet as possible.

Jasper is about the same, and Daisy better, no scabs but still alopecia and gained weight.

The females have gained weight and the males have lost a little weight. I think [REDACTED] ordered more nonslip horse mats for the exercise room. [REDACTED] has been keeping them in there longer.

[REDACTED] noticed that the one brand of hay isn't as long-stem as the other, and falls through the holes so the rabbits can't eat it all. For now they will need quite a bit of hay to make up for the hay that falls through the holes and isn't accessible. When the new hay arrives, they can be switched to that hay instead. [REDACTED] has already ordered more Oxbow hay! Thanks all.

The new rabbits #109, 110, 111 seem to be settling in. They are now getting 2 handfuls of timothy hay per day. When the alfalfa hay comes in, they can each have 1 handful of alfalfa per day in addition to their timothy hay. Same amount of pellets.

Thanks,

Leslie

- Dixie #106
 - Weight 8/10/18= 4.70 kg, 07/19/18= 4.66 kg
 - Moderate Pododermatitis
 - Left hind and right hind - have scabs at point of heel, alopecia and erythema (reddened skin from irritation) and also alopecia and erythema on plantar surface both hind feet
 - Feet – not well furred, fur is dirty but no mats
 - Recheck 2- 4 weeks, increase time in exercise pen
 - Increase timothy hay given
- Tex #101
 - Weight 08/09/18= 4.10 kg, 07/19/18 = 4.16 kg
 - Tex has had some weight loss over about 7 months
 - DDX- suspect dental disease
 - We can increase his hay and add alfalfa hay
 - We can't diagnose or address dental disease without radiographs
 - Mild to moderate Pododermatitis
 - LH has alopecia on plantar surface and alopecia area around 4 mm at point of hock
 - RH has scabs at point of hock, around 4 mm diameter area of alopecia
 - Fur is dirty, but not matted
 - Some mats near tail base
 - Dirty fur on lateral (outside) side of left hind foot and leg
 - Recheck about 2- 4 weeks
 - Increase time in exercise pen
 - Increase timothy hay
- Leo #102
 - Weight 08/09/18= 4.10 kg, weight 07/19/18= 4.22 kg
 - Mild to moderate pododermatitis
 - Left hind foot- no scabs, but pink, and alopecia on point of hock
 - Right hind foot = dirty, no mats, and alopecia increased to 5 mm diameter on point of hock, no scab
- Trixie #105
 - Weight 08/09/18= 4.90 kg, weight 07/19/18= 4.66 kg
 - Mild pododermatitis
 - Left hind alopecia at point of hock and plantar surface, around 5+ mm diameter
 - Right hind alopecia at plantar surface, and alopecia around 5+ mm diameter at point of hock

- Jasper #104
 - Weight 08/09/18= 386 kg, weight 07/19/18 = 3.98 kg
 - Mild pododermatitis
 - Left hind alopecia about 2 mm diameter on point of hock
 - Right hind alopecia around 3 mm diameter at point of hock
 - Feet well furred
- Daisy #108
 - Weight 08/09/18= 4.22 kg, weight 7/19/18= 4.28 kg
 - Mild prododermatitis
 - Feet are clean and well furred, but RH has mild alopecia around 2 mm diameter at point of hock
- **Recommendations**
 - All rabbits need 4+ hours in exercise pen, once or twice a week
 - Increase Oxbow timothy hay for all rabbits
 - **Recheck all rabbits' feet in 2-4 weeks**

From: Jarrell, Leslie

Sent: Thursday, July 19, 2018 1:09 PM

To:

Cc:

Graff, Jaimie <Graff.Jaimie@epa.gov>

Subject: RE: Rabbits - Updates July 19, 2018

Hi

Here are the rechecks on the rabbits' feet from today. Dixie and Tex will need the most time in the exercise pen. I've attached their exam map charts so you will know what I'm talking about.

- Dixie #106
 - Weight 4.76 kg, weight 07/19/18= 4.66 kg
 - Pododermatitis, LH and RH have scabs at point of heel, alopecia and erythema (reddened skin from irritation) and also alopecia and erythema on plantar surface both hind feet
 - Feet – not very well furred, fur is mildly dirty but no mats
 - Recheck 2 weeks, increase time in exercise pen
- Tex #101
 - Weight 4.36 kg, weight 07/19/18 = 4.16 kg
 - Tex has had some weight loss over about 7 months
 - DDX- suspect dental disease
 - We can increase his hay and add alfalfa hay
 - We can't diagnose or address dental disease without radiographs
 - Pododermatitis
 - LH has alopecia on plantar surface and alopecia area around 4 mm at point of hock
 - RH has scabs at point of hock, around a 4 mm diameter area of alopecia
 - Fur is not clean, but not matted

- Some mats near tail base
 - Recheck about 2 weeks
 - Increase time in exercise pen
- Leo #102
 - Weight 4.26 kg, weight 07/19/18= 4.22 kg
 - Mild pododermatitis, LH foot- small scabs and alopecia on point of hock, RH foot alopecia around 2-3 mm diameter on point of hock, very small scab
 - Jasper #104
 - Weight 4.2 kg, weight 07/19/18 = 3.98 kg
 - Mild pododermatitis, Left hind LH alopecia about 2 mm diameter on point of hock, RH alopecia around 3 mm diameter at point of hock
 - Feet well furred
 - Trixie #105
 - Weight 5.08 kg, weight 07/19/18= 4.66 kg
 - Mild pododermatitis, LH alopecia at point of hock, RH alopecia at plantar surface, small scab and alopecia around 4 mm diameter at point of hock
 - Daisy #108
 - Weight = 4.28 kg, weight 7/19/18= 4.28 kg
 - Mild prododermatitis, feet are clean and well furred, but RH has mild alopecia around 2 mm diameter at point of hock
 - **Recommendations**
 - All rabbits need 3-4 hours in exercise pen, once or twice a week
 - Increase hay for all rabbits
 - **Recheck all rabbits' feet in 2-4 weeks**
 - **Will need to hang a water bottle for each side of the exercise pen**

Thanks,
Leslie

From: Jarrell, Leslie

Sent: Thursday, July 12, 2018 2:05 PM

To: [REDACTED]

Cc: [REDACTED]; Graff, Jaimie <Graff.Jaimie@epa.gov>; [REDACTED]

Subject: Rabbits - Updates July 2018

Hi [REDACTED]

Here are the exams on the rabbits;

- Tex #101
 - Weight 4.36 kg
 - Mats tail base, hind legs
 - Mild pododermatitis with small scabs on both hind feet
- Leo #102

- Weight 4.26 kg
- Mild pododermatitis, small scabs only on right hind foot, alopecia only on left hind foot
- Jasper #104
 - Weight 4.2 kg
 - Mats near tail base
 - Feet well furred
 - Very mild pododermatitis, alopecia on both hind feet
- Trixie #105
 - Weight 5.08 kg
 - Feet well furred
 - Mild pododermatitis, small scab and alopecia left hind foot, alopecia only on right hind foot
- Dixie #106
 - Weight 4.76 kg
 - Feet well furred, clean
 - Very mild pododermatitis, alopecia on both hind feet
- Daisy #108
 - Weight = 4.28 kg
 - Hind feet were well-furred, no mats, no alopecia
- **Recommendations**
 - All rabbits need 3-4 hours in exercise pen, once or twice a week
 - Increase hay for all rabbits
 - **Recheck all rabbits' feet next week.**

Thanks,
Leslie

Jarrell, Leslie

From: Jarrell, Leslie
Sent: Thursday, October 25, 2018 12:16 PM
To: [REDACTED]
Cc: [REDACTED] Graff, Jamie; [REDACTED]
Subject: RE: Rabbits - Updates from Sept 26, 2018

Hi all,
Rabbit notes from our last update! Exams were Sept 26, and rechecks are due again in the next few weeks.

- New rabbits
 - Doing well in rabbit room
 - [REDACTED] has started them in the exercise pens
 - He says they are very active in the pens
- Rabbit feed
 - Completely discontinue all Kaytee brand hay
 - Use only Oxbow hay in the housing room
 - Please, if all hay could be ordered online, that would be best case scenario
 - All rabbits should have unlimited grass hay= timothy, orchard grass, meadow grass
 - For the exercise room, only use the irradiated hay from Bio-Serv
- New horse barn non-slip mats for exercise room
 - Finally are manageable now that [REDACTED] has washed them
 - And [REDACTED] has cut the mats so they are easier to move as they are very heavy
 - Thanks [REDACTED] for all your work on them!
- Rabbit feet
 - Rechecked Sept 26, due for recheck in next few weeks
 - Overall there was good improvement
 - [REDACTED] has done very well with them
 - Briefly;
 - Dixie #106; dirty feet, some scabs alopecic areas, slightly improved. Would like more improvement with Dixie.
 - Tex #101- dirty feet, improved though because right foot has no scabs, and alopecia area is smaller than pencil erase. Left hind foot, still some scabs and redness, about size of pencil eraser area of alopecia. Would like more improvement with Tex.
 - Trixie #105 – Improved. Right hind foot- Clean, no scabs, no redness, pencil eraser size of alopecia at point of heel. Left foot, pencil eraser diameter size alopecia, but no scabs and slightly dirty.
 - Leo #102- Right hind foot mildly dirty, very small spot of alopecia, much smaller than pencil eraser size, left hind foot, clean, small area of alopecia at point of heel. Much improved.

Thanks very much,
Leslie

From: Jarrell, Leslie
Sent: Friday, August 31, 2018 2:46 PM

To: [REDACTED]

Cc: [REDACTED]

Graff, Jaimie <Graff.Jaimie@epa.gov>; [REDACTED]

Subject: RE: Rabbits - Updates Aug 31, 2018

Hi [REDACTED]

Hope all are well! Rabbit notes for today.

- Moving new rabbits to regular room
 - No sniffing or snuffling from the new rabbits
 - On Tues, they will have been here for 5 weeks
 - I've talked with [REDACTED] about moving the new rabbits into the regular room on Tuesday Sept 4
 - Watch for any issues
- New racks
 - Arriving Mon Sept 10
 - Once cleaned and set up, let's try them out ASAP
- Rabbit feed
 - Completely discontinue all Kaytee brand hay
 - Use only Oxbow hay in the housing room
 - Oxbow has; timothy, orchard grass, meadow grass, mixtures and alfalfa
 - Please, if all hay could be ordered online, that would be best case scenario
 - For the exercise room, only use the irradiated hay from Bio-Serv
- New rabbits
 - One is still a little jumpy
 - Work on continuing to socialize to handling
 - Do **not** recommend having the new rabbits go into the exercise pen until they are easily picked up and "caught"
 - New rabbits can have 3- 4 handfuls of timothy hay/ day
 - If we got some alfalfa hay from Oxbow, they could have half a handful per day as well. Just a little, and only for the new rabbits
- New horse barn non-slip mats for exercise room
 - Still smell like rubber
 - Waiting for the smell to dissipate
 - Thanks [REDACTED] for cleaning them!
- Rabbit feet
 - Rechecked yesterday
 - Overall there was good improvement
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 - Briefly; Dixie #106; dirty feet, red and alopecic areas, but improved from Aug 10. Tex #101- dirty feet, fur isn't very thick, but better than Aug 10 and scabs and alopecia have improved. Trixie #105 – still alopecia but feet are much cleaner and improved

Thanks very much,
Leslie

From: Jarrell, Leslie

Sent: Friday, August 10, 2018 12:17 PM

To: [REDACTED]

Cc: [REDACTED] Graff, Jaimie <Graff.Jaimie@epa.gov>; [REDACTED]

Subject: RE: Rabbits - Updates Aug 10, 2018

Hi [REDACTED]

Rabbit foot rechecks from yesterday! Some progress, I'd like to see more progress though.

Briefly; Dixie #106 still #1 to watch for; dirty feet, scabbed, and has gained weight. Tex #101- dirty feet, also left hind leg on the lateral (outside) lower leg and thigh, but scabs slightly improved. Leo #102- better left hind, worse right hind. And Trixie #105 - not scabbed but alopecia bigger than pencil eraser diameter (~ 5 mm). Attached are their exam maps. [REDACTED] will apply topical silvadene to their feet as possible.

Jasper is about the same, and Daisy better, no scabs but still alopecia and gained weight.

The females have gained weight and the males have lost a little weight. I think [REDACTED] ordered more nonslip horse mats for the exercise room. [REDACTED] has been keeping them in there longer.

[REDACTED] noticed that the one brand of hay isn't as long-stem as the other, and falls through the holes so the rabbits can't eat it all. For now they will need quite a bit of hay to make up for the hay that falls through the holes and isn't accessible. When the new hay arrives, they can be switched to that hay instead. [REDACTED] has already ordered more Oxbow hay! Thanks all.

The new rabbits #109, 110, 111 seem to be settling in. They are now getting 2 handfuls of timothy hay per day. When the alfalfa hay comes in, they can each have 1 handful of alfalfa per day in addition to their timothy hay. Same amount of pellets.

Thanks,

Leslie

- Dixie #106
 - Weight 8/10/18= 4.70 kg, 07/19/18= 4.66 kg
 - Moderate Pododermatitis
 - Left hind and right hind - have scabs at point of heel, alopecia and erythema (reddened skin from irritation) and also alopecia and erythema on plantar surface both hind feet
 - Feet – not well furred, fur is dirty but no mats
 - Recheck 2- 4 weeks, increase time in exercise pen
 - Increase timothy hay given
- Tex #101
 - Weight 08/09/18= 4.10 kg, 07/19/18 = 4.16 kg
 - Tex has had some weight loss over about 7 months
 - DDX- suspect dental disease
 - We can increase his hay and add alfalfa hay
 - We can't diagnose or address dental disease without radiographs

- Mild to moderate Pododermatitis
 - LH has alopecia on plantar surface and alopecia area around 4 mm at point of hock
 - RH has scabs at point of hock, around 4 mm diameter area of alopecia
 - Fur is dirty, but not matted
 - Some mats near tail base
 - Dirty fur on lateral (outside) side of left hind foot and leg
 - Recheck about 2- 4 weeks
 - Increase time in exercise pen
 - Increase timothy hay
- Leo #102
 - Weight 08/09/18= 4.10 kg, weight 07/19/18= 4.22 kg
 - Mild to moderate pododermatitis
 - Left hind foot- no scabs, but pink, and alopecia on point of hock
 - Right hind foot = dirty, no mats, and alopecia increased to 5 mm diameter on point of hock, no scab
 - Trixie #105
 - Weight 08/09/18= 4.90 kg, weight 07/19/18= 4.66 kg
 - Mild pododermatitis
 - Left hind alopecia at point of hock and plantar surface, around 5+ mm diameter
 - Right hind alopecia at plantar surface, and alopecia around 5+ mm diameter at point of hock
 - Jasper #104
 - Weight 08/09/18= 3.86 kg, weight 07/19/18 = 3.98 kg
 - Mild pododermatitis
 - Left hind alopecia about 2 mm diameter on point of hock
 - Right hind alopecia around 3 mm diameter at point of hock
 - Feet well furred
 - Daisy #108
 - Weight 08/09/18= 4.22 kg, weight 7/19/18= 4.28 kg
 - Mild prododermatitis
 - Feet are clean and well furred, but RH has mild alopecia around 2 mm diameter at point of hock
 - **Recommendations**
 - All rabbits need 4+ hours in exercise pen, once or twice a week
 - Increase Oxbow timothy hay for all rabbits
 - **Recheck all rabbits' feet in 2-4 weeks**

From: Jarrell, Leslie

Sent: Thursday, July 19, 2018 1:09 PM

To:

Cc:

Graff, Jaimie <Graff.Jaimie@epa.gov>;

Subject: RE: Rabbits - Updates July 19, 2018

Hi

Here are the rechecks on the rabbits' feet from today. Dixie and Tex will need the most time in the exercise pen. I've attached their exam map charts so you will know what I'm talking about.

- Dixie #106
 - Weight 4.76 kg, weight 07/19/18= 4.66 kg
 - Pododermatitis, LH and RH have scabs at point of heel, alopecia and erythema (reddened skin from irritation) and also alopecia and erythema on plantar surface both hind feet
 - Feet – not very well furred, fur is mildly dirty but no mats
 - Recheck 2 weeks, increase time in exercise pen
- Tex #101
 - Weight 4.36 kg, weight 07/19/18 = 4.16 kg
 - Tex has had some weight loss over about 7 months
 - DDX- suspect dental disease
 - We can increase his hay and add alfalfa hay
 - We can't diagnose or address dental disease without radiographs
 - Pododermatitis
 - LH has alopecia on plantar surface and alopecia area around 4 mm at point of hock
 - RH has scabs at point of hock, around a 4 mm diameter area of alopecia
 - Fur is not clean, but not matted
 - Some mats near tail base
 - Recheck about 2 weeks
 - Increase time in exercise pen
- Leo #102
 - Weight 4.26 kg, weight 07/19/18= 4.22 kg
 - Mild pododermatitis, LH foot- small scabs and alopecia on point of hock, RH foot alopecia around 2-3 mm diameter on point of hock, very small scab
- Jasper #104
 - Weight 4.2 kg, weight 07/19/18 = 3.98 kg
 - Mild pododermatitis, Left hind LH alopecia about 2 mm diameter on point of hock, RH alopecia around 3 mm diameter at point of hock
 - Feet well furred
- Trixie #105
 - Weight 5.08 kg, weight 07/19/18= 4.66 kg
 - Mild pododermatitis, LH alopecia at point of hock, RH alopecia at plantar surface, small scab and alopecia around 4 mm diameter at point of hock
- Daisy #108
 - Weight = 4.28 kg, weight 7/19/18= 4.28 kg
 - Mild prododermatitis, feet are clean and well furred, but RH has mild alopecia around 2 mm diameter at point of hock
- **Recommendations**
 - All rabbits need 3-4 hours in exercise pen, once or twice a week
 - Increase hay for all rabbits
 - **Recheck all rabbits' feet in 2-4 weeks**
 - **Will need to hang a water bottle for each side of the exercise pen**

Thanks,
Leslie

From: Jarrell, Leslie

Sent: Thursday, July 12, 2018 2:05 PM

To:

Cc: ; Graff, Jaimie <Graff.Jaimie@epa.gov>

Subject: Rabbits - Updates July 2018

Hi

Here are the exams on the rabbits;

- Tex #101
 - Weight 4.36 kg
 - Mats tail base, hind legs
 - Mild pododermatitis with small scabs on both hind feet
- Leo #102
 - Weight 4.26 kg
 - Mild pododermatitis, small scabs only on right hind foot, alopecia only on left hind foot
- Jasper #104
 - Weight 4.2 kg
 - Mats near tail base
 - Feet well furred
 - Very mild pododermatitis, alopecia on both hind feet
- Trixie #105
 - Weight 5.08 kg
 - Feet well furred
 - Mild pododermatitis, small scab and alopecia left hind foot, alopecia only on right hind foot
- Dixie #106
 - Weight 4.76 kg
 - Feet well furred, clean
 - Very mild pododermatitis, alopecia on both hind feet
- Daisy #108
 - Weight = 4.28 kg
 - Hind feet were well-furred, no mats, no alopecia
- **Recommendations**
 - All rabbits need 3-4 hours in exercise pen, once or twice a week
 - Increase hay for all rabbits
 - **Recheck all rabbits' feet next week.**

Thanks,
Leslie

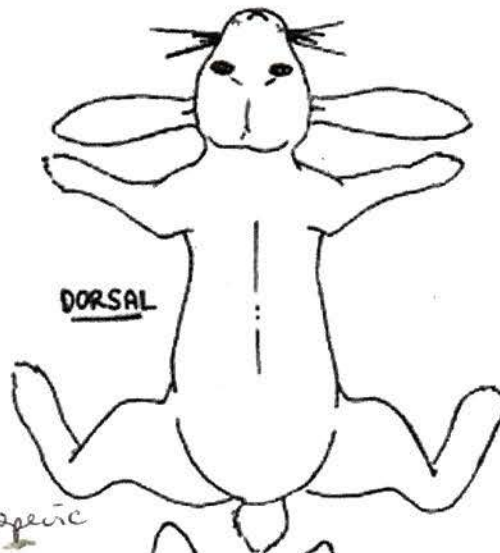
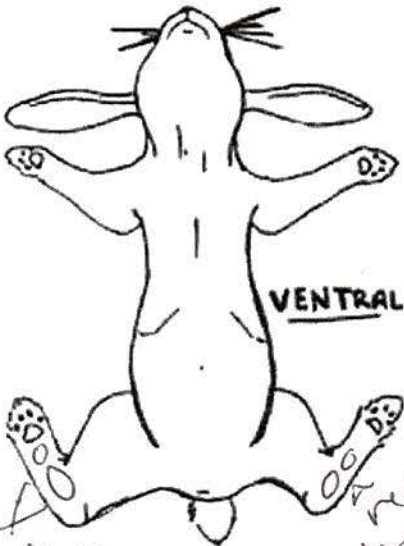
Jarrell, Leslie

From: Jarrell, Leslie
Sent: Friday, August 31, 2018 2:46 PM
To: [REDACTED]
Cc: [REDACTED] Graff, Jaimie
Subject: RE: Rabbits - Updates Aug 31, 2018
Follow Up Flag: Follow up
Flag Status: Flagged

Hi [REDACTED]
Hope all are well! Rabbit notes for today.

- Moving new rabbits to regular room
 - No sniffing or snuffling from the new rabbits
 - On Tues, they will have been here for 5 weeks
 - I've talked with [REDACTED] about moving the new rabbits into the regular room on Tuesday Sept 4
 - Watch for any issues
- New racks
 - Arriving Mon Sept 10
 - Once cleaned and set up, let's try them out ASAP
- Rabbit feed
 - Completely discontinue all Kaytee brand hay
 - Use only Oxbow hay in the housing room
 - Oxbow has; timothy, orchard grass, meadow grass, mixtures and alfalfa
 - Please, if all hay could be ordered online, that would be best case scenario
 - For the exercise room, only use the irradiated hay from Bio-Serv
- New rabbits
 - One is still a little jumpy
 - Work on continuing to socialize to handling
 - Do **not** recommend having the new rabbits go into the exercise pen until they are easily picked up and "caught"
 - New rabbits can have 3- 4 handfuls of timothy hay/ day
 - If we got some alfalfa hay from Oxbow, they could have half a handful per day as well. Just a little, and only for the new rabbits
- New horse barn non-slip mats for exercise room
 - Still smell like rubber
 - Waiting for the smell to dissipate
 - Thanks [REDACTED] for cleaning them!
- Rabbit feet
 - Rechecked yesterday
 - Overall there was good improvement
 - [REDACTED] has done very well with them

Dixie 8/30/18



dirty
feet

red -
+ alopecia

red +
dirty alopecia
feet

